



COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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June 17, 2008

IN REPLY PLEASE
REFER TO FILE: C-1

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, CA 90012

Dear Supervisors:

**CHANGES IN WORK FOR PUBLIC WORKS CONTRACTS
(SUPERVISORIAL DISTRICTS 1, 4, AND 5)
(3 VOTES)**

SUBJECT

This action is to approve changes in work and the increased contract amounts for public works construction contracts in the Cities of Hawaiian Gardens, Irwindale, Lakewood, Long Beach, Manhattan Beach, Montebello, Paramount, and Pico Rivera and in the Angeles National Forest.

IT IS RECOMMENDED THAT YOUR BOARD:

Find that the requested changes in work have no significant effect on the environment and approve the increased contract amounts and the changes for the following construction contracts:

- Project ID. No. FCC0000723 - Project No. 9003 - Paramount Pump Station Upgrade, to replace turbines and diesel generators with natural gas equivalents, Cities of Long Beach and Paramount (4), S. S. Mechanical Corporation, for pump and engine modifications required to complete the work as intended, with an increase in the contract amount of \$103,600.00.

- Project ID. No. FCC0000993 - Manhattan Beach - Manhattan Beach Pump Plant Station Upgrade, to replace turbines and diesel generators with natural gas equivalents, City of Manhattan Beach (4), Atlas-Allied, Inc., for transformer and electrical changes required to complete the work as intended, with an increase in the contract amount of \$46,600.00.
- Project ID No. FCC0001058 - Big Dalton Dam and Reservoir Subdrain Extension, Sediment Removal, and Sluice Gate Stem Rehabilitation, in the Angeles National Forest near the City of Glendora (5), CJW Construction, Inc., for changes required to pump water that seeped into an arch, and explore the damage, with an increase in the contract amount of \$81,050.00.
- Project ID No. RDC0011034 - Beverly Boulevard over Rio Hondo Channel, to reconstruct and widen bridge and install traffic signals and street lights, Cities of Montebello and Pico Rivera (1), MCM Construction, Inc., for repair of the approaches to the bridge and to account for reductions in bid quantities, with an increase in the contract amount of \$16,476.00.
- Project ID No. SMDACO0109 - Clela Avenue, et al., Sanitary Sewers, to clean, video inspect, and line approximately 14,000 linear feet of 8-inch sanitary sewers, in the unincorporated community of East Los Angeles (1), RePipe-California, Inc., for removal and replacement of a collapsed portion of existing sewer line, with an increase in the contract amount of \$25,000.
- Project ID No. TSM0010036 - Carson Street, to modify and synchronize traffic signals, Cities of Hawaiian Gardens, Lakewood, and Long Beach (4), CSI Electrical Contractors, Inc., for an increase in bid quantities, relocation of pull boxes, repairing of damaged curb and gutter and conduit, and for upgrading traffic signals, with an increase in the contract amount of \$23,880.00.
- Project ID No. WMD0000101 - Arrow Highway Gateway Enhancement, to construct concrete pavement, plant trees, shrubs, and ground cover, and install irrigation system, City of Irwindale (1), Pan American Landscaping, for variations in bid quantities, removal of concrete and boulders, install chainlink fence, and planting and irrigation, with an increase in the contract amount of \$31,383.00.

- Project ID No. WRDD000005 - Big Tujunga Dam Seismic Rehabilitation and Spillway Modification, to construct arch dam, spillway, abutment wall, control house, and generator buildings; perform excavation, grouting, electrical, instrumentation, and plumbing work; and install penstocks, butterfly and jet flow-valves, and a generator system; in the Angeles National Forest near Sunland (5), Shimmick Construction Company, Inc., for removal and replacement of existing shotcrete, with an increase in the contract amount of \$490,250.00.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to obtain your Board's approval for changes in public works contracts in support of the timely completion of the projects while avoiding delays and the potential for claims. The descriptions of the changes, estimated costs, and the necessary time extensions are listed in the attachment for each contract.

The Acting Director of Public Works has been authorized by your Board to order changes in work up to \$10,000 for construction contracts. Attached for your authorization are changes in work in excess of my delegated limits, which are required to complete Project ID Nos. FCC0000723, FCC0000993, FCC0001058, RDC0011034, SMDACO0109, TSM0010036, WMD0000101, and WRDD000005.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs that we provide Service Excellence (Goal 1) and Community Services (Goal 6). Approval of these changes will provide improved infrastructure to better serve the public and enhance the quality of life in the affected communities.

FISCAL IMPACT/FINANCING

These changes in work will have no impact to the County General Fund.

The estimated change order amounts for these contracts range from increases of \$16,476.00 to \$490,250.00.

Sufficient funds are available in the Board-approved appropriations for each of the respective projects to cover the costs of the requested changes. Detailed cost breakdowns for each of the changes, together with contract cost summaries, are included in the attachments.

If these changes in work are not approved, contract completion will be delayed and increased costs incurred.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

Each of the subject contracts for the construction of public works improvements was awarded by your Board to the lowest responsible bidder in accordance with the California Public Contract Code, your Board's directives, and as recommended by the Acting Director of Public Works or his designee.

ENVIRONMENTAL DOCUMENTATION

The changes in work as described above and in the attachments do not change any conditions which resulted in the original environmental findings.

CONTRACTING PROCESS

Each contract provides that the contractor be compensated for the work resulting from changes to the original plans and specifications or changed conditions encountered during the course of construction. The costs are based on contract unit prices, time and materials, or negotiated under the provisions of the contract specifications. The methods for arriving at the costs of the changes are included in the attachments.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of the requested changes by your Board will ensure the timely completion of work under each of the respective contracts and result in complete and usable facilities.

The Honorable Board of Supervisors
June 17, 2008
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CONCLUSION

Please return one adopted copy of this letter to the Department of Public Works,
Construction Division.

Respectfully submitted,


DEAN D. EFSTATHIOU
Acting Director of Public Works

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Attachments (8)

c: County Counsel
Office of Affirmative Action Compliance

CHANGE IN WORK (AUTHORIZE)
June 17, 2008

PROJECT ID NO. FCC0000723 - PROJECT NO. 9003 - PARAMOUNT PUMP STATION UPGRADE (Cities of Long Beach and Paramount), Supervisorial District 4,
Contractor: S. S. Mechanical Corporation

Project Description:

Replacement of natural gas fueled engines, electrical controls, right angle gears, and pumps; reconstruction of the top slab of the transition structure adjacent to the pump house; and other appurtenant work.

Changes in Work:

(1) Additional Structural Backfill	\$ 18,000.00
(2) Modify Pump	5,500.00
(3) Exploratory Excavations	3,500.00
(4) Masonry Retaining Wall	38,000.00
(5) Modify Ventilation System	15,300.00
(6) Modify Engine Exhaust	<u>23,300.00</u>
Total	<u>\$103,600.00</u>

Description of Changes:

- (1) It will be necessary to increase the amount of the structural backfill to be placed over the pump station forward bay to meet the intent of the design.
- (2) It will be necessary to install two suction pump umbrellas to reduce the air drawn into the pumps to insure their proper operation.
- (3) It will be necessary to perform exploratory excavations to determine the location of a gas line not shown in the plans.
- (4) It will be necessary to construct a masonry retaining wall to meet the requirements of Southern California Edison Company for a new transformer and avoid conflict with a sewer line.
- (5) It will be necessary to modify the existing ventilation system to allow more air to enter the station to insure the proper operation of the new natural gas engines.

(6) It will be necessary to modify the proposed engine exhaust to reduce the concentration of carbon monoxide gas inside the pump station.

The costs for Items 1, 3, 4, 5, and 6 will be negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 2 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Forty-six additional working days will be required because of these changes. An additional one-hundred fifty-three additional working days have also been granted because the work on the transformer and cabinet controller had to be suspended during the storm season.

Financial Information:

Funding for these changes in work is included in the Flood Control District Budget for Fiscal Year 2007-08.

Revised Contract Amount:

Original contract amount	\$3,362,025.03
Changes in work to be authorized	<u>103,600.00</u>
Revised contract amount	<u>\$3,465,625.03</u>

JRP:en

CHANGE IN WORK (AUTHORIZE)

June 17, 2008

PROJECT ID NO. FCC0000993 - MANHATTAN BEACH - MANHATTAN BEACH
PUMP PLANT STATION UPGRADE (City of Manhattan Beach), Supervisorial District 4,
Contractor: Atlas-Allied, Inc.

Project Description:

Replacement of existing ventilation fans, exhaust pipes and ducts, and electrical switchboard equipment and other appurtenant work.

Changes in Work:

(1) SCE Transformer Upgrade	\$37,600.00
(2) Ball Valve Control Upgrade	<u>9,000.00</u>
Total	<u>\$46,600.00</u>

Description of Changes:

(1) It will be necessary to have Southern California Edison Company relocate and upgrade the existing electrical transformer due to the voltage requirements of the new equipment being installed.

(2) It will be necessary to upgrade electrical and wiring installations to meet the requirements of the new ball valve controller.

The cost for Item 1 will be negotiated as provided in Subsection 3-2 of the contract specifications. The cost for Item 2 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Thirty additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Flood Control District Budget for Fiscal Year 2007-08.

Revised Contract Amount:

Original contract amount	\$437,400.00
Changes in work to be authorized	<u>46,600.00</u>
Revised contract amount	<u>\$484,000.00</u>

JRP:en

CHANGE IN WORK (AUTHORIZE)
June 17, 2008

PROJECT ID NO. FCC0001058 - BIG DALTON DAM AND RESERVOIR SUBDDRAIN
EXTENSION, SEDIMENT REMOVAL, AND SLUICE GATE STEM REHABILITATION
(in the Angeles National Forest near the City of Glendora), Supervisorial District 5,
Contractor: CJW Construction, Inc.

Project Description:

Removal and disposal of sediment and other debris, extension of a reinforced concrete pipe subdrain, rehabilitation of an existing sluice gate stem, and other appurtenant work.

Changes in Work:

(1) Clean Sluice Gate Trash Rack and Install Top Cover	\$ 3,100.00
(2) Break and Remove Rip Rap	7,500.00
(3) Construct Silt Fence	1,550.00
(4) Construct Bulkhead at Check Dam	9,900.00
(5) Emergency Work and Pumping	<u>59,000.00</u>
Total	<u>\$81,050.00</u>

Description of Changes:

- (1) To work on the sluice gate stem, it will be necessary to remove mud and install a top cover.
- (2) It will be necessary for the contractor to break and remove the rip rap that interferes with construction. The rip rap is not shown on the plans.
- (3) It will be necessary to install additional silt fence to protect the riverbed from construction activities. This work is not shown on the plans
- (4) To meet the intent of the drain extension design, it will be necessary to construct a flat surface on the check dam. This work is not shown on the plans.
- (5) Due to an unexpected leak, one arch filled with water, and it will be necessary to pump the water out and explore the origin of the leak.

The costs for Items 1 through 5 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Twenty additional working days will be added to the contract for these changes.

Financial Information:

Funding for these changes in work is available in the Flood Control District Budget for Fiscal Year 2007-08.

Revised Contract Amount:

Original Contract Amount	\$2,988,125.00
Changes in work to be authorized	<u>81,050.00</u>
Revised Contract amount	<u>\$3,069,175.00</u>

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CHANGE IN WORK (AUTHORIZE)
June 17, 2008

PROJECT ID NO. RDC0011034 - BEVERLY BOULEVARD OVER RIO HONDO CHANNEL (Cities of Montebello and Pico Rivera), Supervisorial District 1,
Contractor: MCM Construction, Inc.

Project Description:

Reconstruction and widening of a bridge and adjacent roadway, installation of traffic signals and street lights, and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	(\$22,124.00)
(2) Repair East and West Approaches	<u>38,600.00</u>
Total	<u>\$16,476.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The decrease in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) To provide an adequate transition between the roadway and bridge, it will be necessary to cold plane and resurface the existing deteriorated pavement at the east and west approaches to the bridge. This work is not shown on the plans.

The costs for Item 1 and a portion of the cost for Item 2 will be based on contract unit prices. The remainder of the cost for Item 2 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

Two working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Fiscal Year 2007-08 Road Fund Budget.

Revised Contract Amount:

Original contract amount	\$8,956,100.05
Changes in work previously approved by your Board	441,025.00
Changes in work to be authorized	<u>16,476.00</u>
Revised Contract Amount	<u>\$9,413,601.05</u>

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CHANGE IN WORK (AUTHORIZE)
June 17, 2008

PROJECT ID NO. SMDACO0109 - CLELA AVENUE, ET AL., SANITARY SEWERS
(in the unincorporated community of East Los Angeles), Supervisorial District 1
Contractor: RePipe-California, Inc.

Project Description:

Cleaning, video inspection, and lining of approximately 14,000 linear feet of existing 8-inch sanitary sewers, and other appurtenant work.

Changes in Work:

Remove and Replace Collapsed Portion of Concrete
Sewer Line \$25,000.00

Description of Changes:

Due to existing field conditions, it will be necessary to remove and replace a collapsed portion of an existing concrete sewer line and perform other appurtenant work.

The costs for these changes will be negotiated as provided in Subsection 3-2 of the contract specifications.

No additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work are included in the Accumulative Capital Outlay Fund for the Fiscal Year 2007-08 Consolidated Sewer Maintenance District Budget.

Revised Contract Amount:

Original contract amount	\$422,311.00
Changes in work to be authorized	<u>25,000.00</u>
Revised contract amount	<u>\$447,311.00</u>

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CHANGE IN WORK (AUTHORIZE)

June 17, 2007

PROJECT ID NO. TSM0010036 - CARSON STREET (Cities of Hawaiian Gardens, Lakewood, and Long Beach), Supervisorial District 4, Contractor: CSI Electrical Contractors, Inc.

Project Description:

Modification and synchronization of traffic signals.

Changes in Work:

(1) Variations in Bid Quantities	\$ 2,380.00
(2) Intersection Improvements	3,500.00
(3) Repair Work	4,000.00
(4) Intersection Upgrade	<u>14,000.00</u>
Total	<u>\$23,880.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) Prior to the placement of a new curb ramp at the northwest corner of Woodruff Avenue and Carson Street, it will be necessary to relocate existing pull boxes and replace the damaged curb and gutter.

(3) Your Board previously approved a change in work to repair damaged conduit and replace a signal mast arm at the intersection of Carson Street and Paramount Boulevard. The cost of this work will exceed the estimate by the amount shown.

(4) It will be necessary to upgrade the traffic signal system at the intersection of Carson Street and Verne Avenue. These improvements are needed to improve both pedestrian and vehicular traffic at this intersection.

The costs for Item 1 will be based on contract unit prices. The costs for Items 2, 3, and 4 will be based on time and materials as provided in Subsection 3-3 of the contract specifications.

One hundred thirty-five additional working days will be required because of these changes.

Financial Information:

This total cost of this project is estimated to be \$2,130,000 with the City of Long Beach's share being \$221,000 and the County's share being \$205,000. The Los Angeles county Metropolitan Transportation Authority has approved a grant of \$1,704,000 to finance the remainder of the project cost. Funding for these changes in work is included in the 2007-08 Proposition C Local Return Fund Budget.

Revised Contract Amount:

Original contract amount	\$733,226.50
Changes in work previously approved by your Board	17,800.00
Changes in work to be authorized	<u>23,880.00</u>
Revised contract amount	<u>\$774,906.50</u>

TKB:lgn

CHANGE IN WORK (AUTHORIZE)
June 17, 2008

PROJECT ID NO. WMD0000101 - ARROW HIGHWAY GATEWAY ENHANCEMENT
(City of Irwindale), Supervisorial District 1, Contractor: Pan American Landscaping

Project Description:

Construction of concrete pavement, decomposed granite paths, grass pavers, decorative gate and fencing, and shade canopy structure; planting of trees, shrubs, and ground cover; installation of an irrigation system; and other appurtenant work.

Changes in Work:

(1) Variations in Bid Quantities	\$ 5,350.00
(2) Removal of Concrete and Boulders	5,000.00
(3) Chain Link Fence	4,582.00
(4) Paint Iron Double Gate	893.00
(5) Replace Plants	7,791.00
(6) Replace Irrigation System	<u>7,807.00</u>
Total	<u>\$31,383.00</u>

Description of Changes:

(1) The original contract amount is based upon estimated quantities of the various bid items. The contractor is paid based upon actual quantities used. The increase in contract price reflects the net adjustment due to variations between estimated bid quantities and actual quantities.

(2) It will be necessary for the contractor to remove boulders and concrete that interfere with the installation of the new pavement.

(3) To meet the intent of the design, a chainlink fence will be installed between the bike path and an adjacent slope.

(4) It will be necessary to paint the new custom iron double gate to match the existing fence.

(5) The contractor will install plants in an expanded area south of the new shelter to integrate that area into the new project.

(6) The contractor will replace portions of the irrigation system in the area south of the new project to provide adequate irrigation to the area.

The costs for Item 1 will be paid per contract. The cost for Item 2 will be paid based on time and materials as provided in Subsection 3-3 of the contract specifications. The costs for Items 3 through 6 were negotiated as provided in Subsection 3-2 of the contract specifications.

Twenty-three additional working days will be required because of these changes.

Financial Information:

Funding for these changes in work is included in the Flood Control District Budget for Fiscal Year 2007-08.

Revised Contract Amount:

Original contract amount	\$201,964.88
Changes in work to be authorized	<u>31,383.00</u>
Revised contract amount	<u>\$233,347.88</u>

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CHANGE IN WORK (AUTHORIZE)
June 17, 2008

PROJECT ID NO. WRDD000005 - BIG TUJUNGA DAM SEISMIC REHABILITATION AND SPILLWAY MODIFICATION (in the Angeles National Forest near Sunland), Supervisorial District 5, Contractor: Shimmick Construction Company, Inc.

Project Description:

Construction of thick arch dam, spillway, abutment wall, control house and generator buildings; perform common excavation, rock excavation, consolidation grouting, electrical, instrumentation, and plumbing work; install penstocks, butterfly and jet flow valves, and a generator system; and other appurtenant work.

Change in Work:

Remove and Replace Shotcrete	\$490,250.00
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Description of Change:

To confirm the proper orientation of proposed rock anchors and bolts in an area on the left abutment, it will be necessary to completely remove the existing shotcrete and expose the existing subsurface. After installation of the anchors and bolts, it will be necessary to cover the area with wire fabric and shotcrete. This work is not shown on the plans.

A portion of the cost for this work was negotiated as provided in Subsection 3-2 of the contract specifications. The remainder of the cost will be based on contract unit prices and time and materials as provided in Subsection 3-3 of the contract specifications.

No additional working days will be required because of this change.

Financial Information:

Funding for this change in work is included in the Flood Control District Budget for Fiscal Year 2007-08.

Revised Contract Amount:

Original contract amount	\$88,533,680.00
Changes in work previously approved by your Board	20,000.00
Change in work to be authorized	<u>490,250.00</u>
Revised Contract Amount	<u><u>\$89,043,930.00</u></u>

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